

CENTRAL INTELLIGENCE AGENCY

~~SECRET/CONTROL~~--U.S. OFFICIALS ONLY
SECURITY INFORMATION

25X1

INFORMATION REPORT REPORT
REFERENCE COPY CD NO.

DO NOT CIRCULATE

DATE DISTR. 21 January 1953

SUBJECT Production of Miscellaneous Telecommunications
 Items in East German Plants

NO. OF PAGES 2

DATE OF INFO. 25X1

NO. OF ENCLS.
(LISTED BELOW)

PLACE
ACQUIRED

SUPPLEMENT TO
REPORT NO.

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

1. The Funkwerk Radenberg (Formerly Sachsenwerk) produced during the month of August 1952: 52 microwave sets, carrier frequency apparatus (ME 8), teletype apparatus, transformers, amplifiers and several types of cathode ray equipment. A new item is the production of three short-control apparatus after Soviet designs. These apparatus were delivered to Wismar. Direct reparations deliveries amount currently to about 15 percent of the total production. The transmitting equipment produced is mostly 100 watt; about 25 pieces were produced in August. Occasionally 800 watt equipment is produced. Portable radio sets and radio-telephone sets have been delivered to the Leipzig RFT-Werk.
2. The Funkwerk Radenberg delivered about 250-300 field telephone sets to the Central Communication Equipment Depot at Bad-Saarow in July 1952. To the Volkspolizei Training Command, Adlershof, Berlin, were delivered six complete radio sets, two 40 watt power amplifiers, and two cases of single parts. To the tactical training school for higher Volkspolizei officers at Cochstedt, near Dessau, were delivered three radio sets, several field telephones, and two high-power receivers. Two cathode ray oscillographs were completed in July, one of which was for exhibition at the RFT display at Leipzig.
3. The Oberspreewerk (OSW), Berlin, produced three phase meter apparatus in July, for shipment to the Soviet Union after being shown at the Leipzig Fair. This equipment is designed to serve for locating submarines. Tube production is increasing steadily. The receiving tubes produced are of the common German series and the American "6" series, as 6A8, 6K7, etc. These tubes are for the construction of short-wave transmitters. The production of television sets had increased in July by about 25 percent over December 1951. The German unit television receivers supposedly developed by Zeiss Ikon will be manufactured. The manufacture of television tubes will be attempted.

SECRET/CONTROL--U.S. OFFICIALS ONLY

[illegible]

25X1

SECRET/CONTROL--U.S. OFFICIALS ONLY

-2-

25X1

4. [redacted]
[redacted]
25X1 [redacted] They are being
25X1 manufactured in the works under the name "Gnom" tubes. The production tools are
25X1 made in the tool shop of the plant. Shortages of molybdenum wire and mica
25X1 forced a reduction of output in July estimated at about 40 percent. [redacted]
25X1 [redacted]
25X1 [redacted] The point of transfer across the border was near Eisenach.
25X1 Workers set free by the partial suspension of production were given vacations
or employed in other work, such as the enlargement of the Elksleben Airfield.
5. In connection with the development work being done at the HF-Werk, Berlin-Oberschöneweide, the establishment of a branch plant at Müggelsee is planned. It will work on electronic beam and technical radar apparatus. Production of tubes is going on, but is hampered by difficulties over filaments. The plant recently installed radio direction-finding equipment in three EMW (formerly BMW) cars. Six to 10 portable radio direction-finding sets were manufactured in July for the Soviet Control Commission.
6. The RFT-Werk, Berlin-Köpenick has been engaged in developing a signal and control system for mine hoists. The engineers there did not have enough experience in this field and knew that the West was far ahead in it, so they sent people, disguised as West Berlin students, to the Mix and Genest and Siemens firms, who under pretext of completing an economic study asked permission to inspect their data on this kind of work. The request was granted readily and all the desired records and data placed at their disposal.
7. Material shortages of all kinds exist, but especially of copper, bronze, conical and roller bearings, and fine measuring instruments. The best instruments are so inexact that measurements cannot come closer than plus or minus one percent. There is also trouble in the development work because the wire supplied, mostly copper wire, is not drawn uniformly, so that different resistances occur in it.

SECRET/CONTROL--U.S. OFFICIALS ONLY